



Attorney's Docket No. 40284-019001

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Zervos et al.

Art Unit : 1653

Serial No. : 09/245,549

Examiner : J. Tung

Filed : February 5, 1999

Title : IN VIVO CONSTRUCTION OF DNA LIBRARIES

Commissioner for Patents  
Washington, D.C. 20231

AMENDMENT AND RESPONSE

This is in response to the non-Final Office Action (Paper No. 7) mailed February 25, 2000. A separate petition for an extension of time is submitted herewith. Please amend the application as follows:

In the Claims:

(For the Examiner's convenience, all of the pending claims are reproduced below).

Please cancel claims 28-31, without prejudice, and amend claims 2, 3, 11-14, 26, and 27 as follows:

1. (Reiterated) A method for constructing a DNA library *in vivo*, comprising:
  - providing a plurality of host cells;
  - providing a vector having a first region and a second region;
  - providing a nucleic acid insert molecule having a first common region which is homologous with said first region of the vector, a second common region which is homologous with said second region of the vector, and a library element encoding region disposed between said first common region and said second common region, wherein when the library element encoding region encodes a naturally occurring sequence, the first and second regions are not naturally found adjacent to the library element encoding region;
  - introducing a vector molecule into each of the host cells;

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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Sandra Sturtevant

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Sandra Sturtevant